

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/714,119  
Applicant: Yasuaki Yuda, et al  
Filed: November 14, 2003  
Title: RADIO COMMUNICATION APPARATUS  
TC/A.U.: 2681  
Examiner:  
Docket No. MAT-8485US

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the reference listed on the PTO 1449 (RP) submitted herewith. A copy of the listed reference is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following reference is not in the English language:

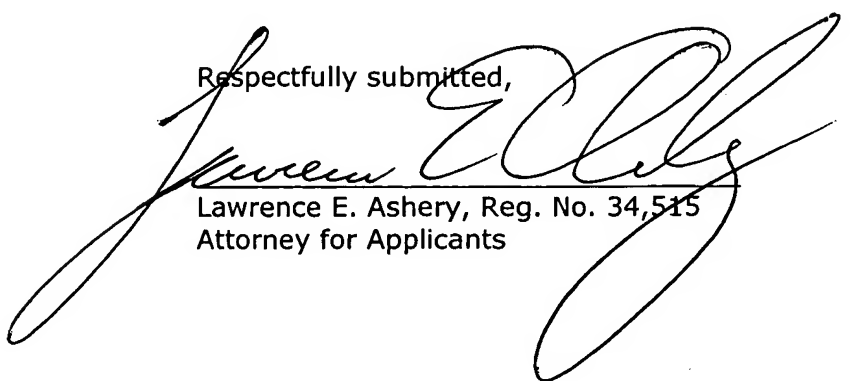
1) Takakusaki, Keiji, et al., "Background Calibration Method for Array Antenna and its Performance," Technical Report of IEICE, SST2001-78, A P 2001-226, RCS2001-261 (2002-03), pp. 113-118.

Reference 1) includes a partial English language abstract, a partial English translation and a "concise explanation" under 37 CFR Section 1.98(a)(3), which is set forth in the background portion of the specification at page 3.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No

first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA:ds

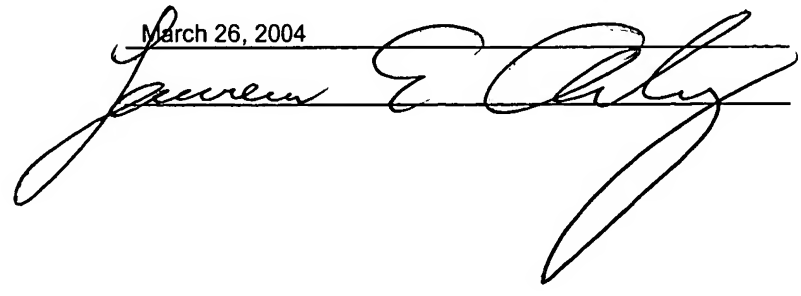
Enclosures: PTO Form 1449  
(1) Reference

Dated: March 26, 2004

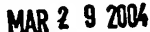
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(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

March 26, 2004  


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Substitute for Form 1449B/PTO

PTO/SB/08b (08-03) (AW 10/2003)

Approved for use through 6/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

*(Use as many sheets as necessary)*

**SHEET 1 of 1**

**Complete if Known**

Application Number	10/714,119
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Filing Date	November 14, 2003
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First Named Inventor	Yasuaki Yuda, et al.
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Art Unit	2681
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Examiner Name

Attorney Docket No.	MAT-8485US
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## NON-PATENT LITERATURE DOCUMENTS

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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